

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(chemical or biochemical ) reaction modelling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L2	11	reaction modelling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L3	32	reaction modeling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L4	13	(chemical or biochemical ) reaction modeling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L5	13	(chemical or biochemical or biological) reaction modeling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L6	21	(chemical or biochemical or biological) system modeling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L7	804	systems biology	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00

L8	36	L7 with modeling and reactions	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L9	2	("20020022947").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/10 18:00
L10	108	(biological mathematics) or biomathematics or (mathematical biology)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L11	148	(biological mathematics) or biomathematics or (mathematical biology)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L12	111	L10 or L11 and (chemical reaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L13	4	("20030009099"   "20030115032"   "5930154"   "6219440"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2010/09/10 18:00
L14	246	metaboli\$4 with simulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L15	42	L14 and annotation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L16	0	L14 and user comments	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00

L17	24	L14 and comment\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L18	18	((JOSEPH) near2 (HICKLIN)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/09/10 18:00
L19	7	((EDWARD) near2 (GULLEY)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/09/10 18:00
L20	8	((RICARDO) near2 (PAXSON)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/09/10 18:00
L21	110	PAXSON.INV.	US-PGPUB; USPAT	ADJ	ON	2010/09/10 18:00
L22	86	GULLEY.INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2010/09/10 18:00
L23	224	PAXSON.INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L24	126	GULLEY.INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L25	105	HICKLIN.INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L26	426	L18 or L19 or L20 or L23 or L24 or L25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L27	1138	(modeling and simulation and model).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00

L28	0	s L26 and L27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L29	5929	(simulation and model). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L30	7	L26 and L29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L31	0	(tabular view) with chemical reaction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L32	31	(user interface) with (chemical reaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L33	1	("5,826,065").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2010/09/10 18:00
L34	1102	user annotation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L35	1509099	model or simulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L36	210548	chemical reaction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00

L37	2	L34 and L35 and L36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L38	0	L34 with L35 and L36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L39	19	L34 with table	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L40	76961	(table or tabular) near5 view	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L41	881	chemical reaction with model	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L42	2	L40 and L41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L43	14	reaction table and specie table	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L44	844	specie table	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L45	9	L44 and L41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00

L46	148	(biological mathematics) or biomathematics or (mathematical biology)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L47	0	L46 and data aquisition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L48	0	pathway reconstruction and data aquisition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L49	22	pathway reconstruction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L50	0	metabolic reconstruction and data aquisition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L51	31	metabolic reconstruction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L52	0	(biological or biochemical) with reconstruction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L53	783	(biological or biochemical) with reconstruction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L54	100	L53 and data acquisition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00

L55	1509099	model or simulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L56	210548	chemical reaction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L57	46366	L55 and L56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L58	167768	data acquisition or ((hardware or instrument or microarray)near5 (integration or interface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L59	3028	L57 and L58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L60	2453	L59 and (Biology or cell or biochemical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L61	185	L60 and ((graphical user interface)or GUI)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L62	0	L60 and comparison with (indication near10 difference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L63	130	L60 and comparison with (predetermined)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00

L64	217982	((chemical or biochemical) adj reaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L65	367	((chemical or biochemical) adj reaction) with simulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L66	4	L65 and (threshold with difference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L67	0	L65 and (threshold with confidence)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L68	210548	chemical reaction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L69	230	L68 and (threshold with confidence)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L70	1509099	model or simulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L71	46366	L70 and L68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L72	225	L71 and (threshold with confidence)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00



L73	894	biological and simulation and "process control"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00
L74	69	L73 and dynamic simulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/10 18:00

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system modeling.wsp**